GROUND-WATER LEVELS 109

ESSEX COUNTY

380024076585801. Local number, 55N 2.

LOCATION.--Lat 38°00'24", long 76°58'57", NAD83, Hydrologic unit 02080104, 250 feet north east of U.S. Highway 17, 1.6 mi north west of State Highway 624, 1.2 mi southeast of Champlain on the north bound side of U.S. Highway 17. Owner: Ray Ellis.

AQUIFER. -- Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 4 in., depth 516 ft, casing 0 to 494, 514 to 516, screened 494 to 514.

INSTRUMENTATION. -- Occasional measurement with chalk tape by USGS personal.

DATUM.--Elevation of land surface datum is 141 ft above sea level, from topographic map. Measuring point: Top of sanitary seal, 1.96 ft above land surface datum.

REMARKS. -- Water level affected by regional drawdown.

PERIOD OF RECORD. -- September 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 153.12 ft below land-surface datum, Sep. 9, 1999; lowest measured, 155.14 ft below land-surface datum Jul. 6, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WAT LEV		
OCT 18	154.42	JAN 10	154.60	APR 16	154.49	JUL 06	155.	14	
WATER Y	EAR 2001	HIGHEST	154.42	OCT 18,	2000	LOWEST 1	55.14	JUL 06.	2001

